

CD105/Endoglin Rabbit mAb

Catalog No.: A25536 **Recombinant**

Basic Information

Observed MW

95kDa

Calculated MW

67kDa/70kDa

Category

Primary antibody

Applications

ELISA, WB, FC

Cross-Reactivity

Human

CloneNo number

ARC62399

Background

This gene encodes a homodimeric transmembrane protein which is a major glycoprotein of the vascular endothelium. This protein is a component of the transforming growth factor beta receptor complex and it binds to the beta1 and beta3 peptides with high affinity. Mutations in this gene cause hereditary hemorrhagic telangiectasia, also known as Osler-Rendu-Weber syndrome 1, an autosomal dominant multisystemic vascular dysplasia. This gene may also be involved in preeclampsia and several types of cancer. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

Recommended Dilutions

WB 1:500 - 1:1000**FC** 1:500 - 1:1000

Immunogen Information

Gene ID

2022

Swiss Prot

P17813

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

END; HHT1; ORW1

Contact

 | 400-999-6126 | cn.market@abclonal.com.cn | www.abclonal.com.cn

Product Information

Source

Rabbit

Isotype

IgG

Purification

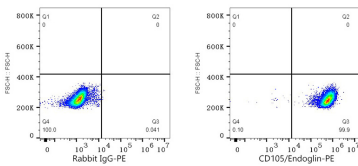
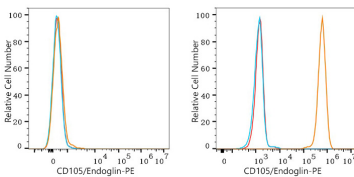
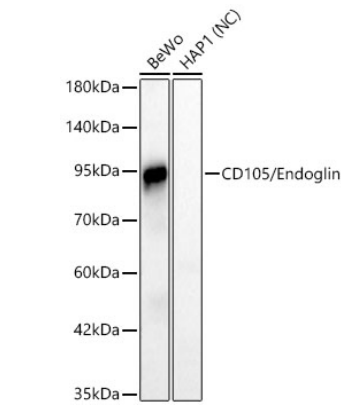
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Validation Data



Flow cytometry: 1X10⁶ HAP1 cells (negative control, left) and HUVEC cells (right) were surface-stained with CD105/Endoglin Rabbit mAb (A25536, 2 µg/mL, orange line) or Rabbit IgG isotype control (AC042, 2 µg/mL, blue line), followed by PE Donkey anti-Rabbit pAb staining. Non-fluorescently stained cells were used as blank control (red line).

Flow cytometry: 1X10⁶ HUVEC cells were surface-stained with Rabbit IgG isotype control (AC042, 2 µg/mL, left) or CD105/Endoglin Rabbit mAb (A25536, 2 µg/mL, right), followed by PE Donkey anti-Rabbit pAb staining.